Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Vocabulary: Cellular Respiration Video Notes**

Ms. Ottolini, AP Biology

**Key Terms that ARE in your Video Notes:**

* Adenosine Triphosphate (ATP), Adenosine Diphosate (ADP), and Inorganic Phosphate (Pi)
* Mitochondrion: Outer Membrane, Inner Membrane, Intermembrane Space, Matrix
* Glycolysis: glucose, pyruvate
* Electron Carriers: NADH and FADH2
* Acetyl CoA, Pyruvate Dehydrogenase, Carbon Dioxide
* Kreb’s Cycle
* Oxidation Reduction Reaction (aka Redox Reaction): oxidized, reduced
* Electron Transport Chain: Membrane Protein Pumps (see membrane protein electron carriers below), electrochemical gradient, protons (H+), oxygen, water, ATP synthase, chemiosmosis
* Anaerobic Respiration (aka Fermentation): Lactic Acid vs. Ethanol Fermentation

**Key Terms that are NOT in your Video Notes:**

|  |  |  |
| --- | --- | --- |
| **Term** | **Step of Cellular Respiration to which this Term Applies** | **Definition** |
| Substrate-Level Phosphorylation |  |  |
| Oxidative Phosphorylation |  |  |
| Membrane Protein Electron Carriers (ex: Cytochrome C) |  |  |
| Cristae |  |  |
| Proton Motive Force |  |  |
| Beta Oxidation |  |  |